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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of: Scott D. GARNER et al.

Serial No.: 10/618,965 Examiner: Unassigned

Filed: 14 July 2003 Group Art Unit: 3743

For: TOWER HEAT SINK WITH SINTERED GROOVED WICK

**CERTIFICATE UNDER 37 CFR 1.8(a)**

I, SAMUEL W. APICELLI, REGISTRATION NO. 36,427, HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450.

ON

August 10, 2004

SAMUEL W. APICELLI

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find enclosed for filing:

- ☒ Further Supplemental Information Disclosure Statement, PTO-1449 and references.
- ☒ Should any fees be incurred please debit Deposit Account No. 04-1679. This Transmittal Letter is submitted in duplicate.
- ☒ Return Postcard

Respectfully submitted,

Date: 8/10/04

Samuel W. Apicelli  
Registration No. 36,427  
Customer No. 41396  
DUANE MORRIS LLP  
305 North Front Street, P.O. Box 1003  
Harrisburg, PA 17108-1003  
(717) 237-5516

Docket No.: H1799-00207



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SAMUEL W. APICELLI

*Samuel W. Apicelli*

**FURTHER SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the Duty of Disclosure set forth in 37 CFR 1.56, the materials listed on the enclosed form PTO-1449 are hereby brought to the attention of the Examiner. A copy of each is enclosed.

This Information Disclosure Statement is submitted prior to the mailing date of the first Office Action on the merits received by Applicants.

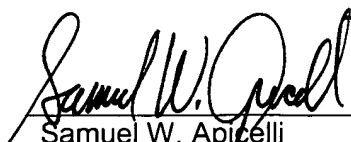
The claimed invention is patentable over the enclosed references. No representations are made regarding the references other than those set forth above.

Serial No. 10/618,965

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Date: 8/10/04

Respectfully submitted,



Samuel W. Apicelli

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Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket No. H1799-00207	Serial No. 10/618,965
	Applicant: Scott D. GARNER et al.	
	Filing Date: 14 July 2003	Group Art Unit 3743

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

	Rosenfeld, J.H., "Nucleate Boiling Heat Transfer in Porous Wick Structures," ASME HTD Vol. 108, <i>Heat Transfer Fundamentals, Design, Applications, and Operating Problems</i> , R.H. Shah, Ed., pp. 47-55, 1989
	Rosenfeld, J.H. and J.E. Lindemuth, "Acetone Heat Pipes for Stirling Orbiter Refrigerator/Freezer," Contract G350240J70 – final report to GE Gov't. Service, 16 April 1993
	McDonald, K.E., Berchowitz, D., Rosenfeld, J.H., and Lindemuth, J.E., "Stirling Refrigerator for Space Shuttle Experiments," Proc. 29 <sup>th</sup> IECEC, paper 94-4179, pp. 1807-1812, 1994
	Lindemuth, J.E., "Stainless Steel/Propylene Heat Pipe Interface for Stirling Orbiter Refrigerator/Freezer," NASA LeRC final report, PO. No. C-76546-F, 21 April 1998
	Rosenfeld, J.H. and Lindemuth, J.E., "Heat Transfer in Sintered Groove Heat Pipes," International Heat Pipe Conference, 1999
	Rosenfeld, J.H. and North, M.T., "Porous Media Heat Exchangers for Cooling of High-Power Optical Components," <i>Optical Engineering</i> , Vol. 34, No. 2, pp. 335-341, February 1995
	Rosenfeld, J.H., Toth, J.E., and Phillips, A.L., "Emerging Applications for Porous Media Heat Exchangers," Proc. Int. Conf. on Porous Media and Their Applications in Science, Eng., and Industry, Kona, HI, 16-21 June 1996.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.